

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	6	("4527969"   "5837958"   "5944901").PN. OR ("6419995").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/11 17:16
L19	1634	"L17" and "L18"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 17:32
L22	0	(microfluidic or fluidic or analytical tool or sensor or sensing)".clm"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 17:36
S3	18732	microfluidic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 10:53
S4	1809	micro-fluidic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 10:53
S5	15227	micro\$fluidic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:51
S7	19774	S3 or S4 or S5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:52

S8	5689	fluorine with oxygen with gas	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:52
S11	306183	hydrophillic or hydrophilic or hydrophilic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:55
S12	306753	hydrophillic or hydrophilic or hydrophilic or reduc\$4 contact angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:55
S13	306898	hydrophillic or hydrophilic or hydrophilic or reduc\$4 near2 contact angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:56
S14	6268	427/248.1,255.23,255.26,255.28,255.39,255.4,444.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:56
S15	254	427/255.39.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:57
S16	5328	S7 and S13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:57
S17	52	S7 and S13 and S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:57

S18	52	S7 and S13 and S8 and S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:58
S19	0	S7 and S13 and S8 and S15	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:58
S21	6	S15 and S13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 11:58
S22	2660	fluorine with oxygen with gas and (water or H2O or steam)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 12:05
S24	52	S7 and S22 and S8 and S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 12:05
S26	332	S13 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 12:08
S27	455	fluorine with oxygen with gas near20 (water or H2O or steam)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 12:09
S28	59	S13 and S27	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 12:09

S29	6	("20030159945"   "20040016642"   "5951950").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 12:11
S30	841	S7 and S13 and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 12:59
S31	0	("2003/0207099").URPN.	USPAT	ADJ	ON	2008/11/07 13:15
S32	0	lab on a chip	USPAT	ADJ	ON	2008/11/07 13:15
S33	918	lab near5 chip	USPAT	ADJ	ON	2008/11/07 13:15
S34	199	S33 and S13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:16
S35	12	S33 and S13 and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:16
S36	841	S7 and S13 and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:22
S37	269	S7 and S13 and @PY<"2003" and polypropylene	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:23

S38	117	S7 and S13 and @PY<"2003" and polypropylene and cover	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:23
S39	90	S7 and S13 and @PY<"2003" and polypropylene and cover and capillary	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:23
S40	42	S7 and S13 and @PY<"2003" and polypropylene and cover and capillary action	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:23
S42	329576	hydrophil\$7 or reduc\$4 near2 contact angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:49
S43	42	S7 and S42 and @PY<"2003" and polypropylene and cover and capillary action	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:50
S44	102	S7 and S42 and @PY<"2003" and polypropylene and cover and capillary	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:50
S45	12	S7 and S42 and @PY<"2003" and polypropylene and cover and capillary not S39	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 13:50
S46	1	("5484651").PN.	USPAT; USOCR	OR	OFF	2008/11/07 13:55
S47	4	("3940520"   "3988491"   "4020223").PN. OR ("5484651").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/07 13:56

S48	73	"2129289"   "2502841"   "2715075"   "2811468"   "2829070"   "3036930"   "3255099"   "3364056"   "3740256"   "3758450"   "3916063"   "3988491"   "4009304"   "4020223"   "4081574"   "4142032"   "4237156"   "4296151"   "4404256"   "4439126"   "4484954"   "4743419"   "4752428"   "4764405"   "4800053"   "4830810"   "5484651"   "5487810"   "5654378"   "5744257").PN. OR ("3940520"   "3988491"   "4020223"   "6462142").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/07 14:00
S49	2	L46-48	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 14:00
S50	2	L46-48	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 14:00
S51	64	S46 S47 S48	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 14:00
S52	64	S46 S47 S48	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 14:01
S53	74	S46 S47 S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 14:01
S54	33	S46 S47 S48 and (fluorine and oxygen and water)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 14:02

S55	12	S46 S47 S48 and (fluorine and oxygen and water and hydrophil\$7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/07 14:03
S56	199	(S13 and S7).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 15:00
S57	36	(S13 and S7).ab. and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 15:01
S58	4	(S13 and S7).ab. and @PY<"2003" and (corona or plasma)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 15:10
S59	2	WO-9958245-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 15:13
S60	4	WO-9745730-\$.did. or "5698162".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 15:14
S61	28	(S8 and S13).ab. and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/07 15:20
S62	329755	hydrophil\$7 or (reduc\$4 near2 contact angle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:01

S63	419	(micro-electrophoresis) or (micro electrophoresis) or microelectrophoresis	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:04
S64	16832	(micro near3 electrophoresis) or microelectrophoresis or (capillary electrophoresis)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:05
S65	1207	fluorine with oxygen with (water or H2O or "H.sub.2.O")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:05
S66	432	fluorine with oxygen with gas with (water or H2O or "H.sub.2.O")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:06
S67	1	S64 and S66	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:06
S68	1	S64 and S65	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:07
S69	18748	microfluidic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:08
S70	1810	micro-fluidic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:08



S71	15238	micro\$fluidic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:08
S72	19790	S69 or S70 or S71	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:08
S73	6	S72 and S65	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:08
S74	1	((("6462142") or ("20050101006") or ("20040208792"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:09
S77	0	((("20050101006") or ("20040208792"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:11
S78	0	((("US20050101006") or ("20040208792"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:11
S79	0	((("US2005-0101006") or ("20040208792"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:11
S80	0	((("20050101006") or ("20040208792"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:11
S81	0	((("20050101006") or ("20040208792A"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:12
S82	0	((("20050101006") or ("20040208792A1"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:12
S83	0	((("20050101006") or ("US20040208792A1"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:12
S84	0	((("20050101006") or ("20040208792"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 11:13
S85	4	("20050101006"   "20040208792").did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:13

S86	26	("2502841"   "2715075"   "2811468"   "3916063"   "3988491"   "4009304"   "4020223"   "4081574"   "4142032"   "4237156"   "4296151"   "4404256"   "4439126"   "4484954"   "4743419"   "4752428"   "4764405"   "4800053"   "4830810"   "5484651"   "5487810"   "5654378"   "5744257").PN. OR ("6462142").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/12 11:27
S87	13	S86 and (Water or H2O or "H.sub.2.O")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 11:27
S88	36	("2811468"   "3647613"   "3935329"   "3940520"   "4009304"   "4237156").PN. OR ("4296151").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/12 12:52
S89	32	oxyfluorination	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 12:55
S90	71	oxyfluorin\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 12:55
S91	8	oxyfluorin\$ with water	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 12:55
S92	4	("2001009176").did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 13:02
S93	9	("2001009176").did. or JP-58199132-\$.did. or GB-1488931-\$.did. or US- 4800053-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 13:03
S94	3	((("4800053") or ("6620282") or ("6790526"))).PN.	USPAT; USOCR	OR	OFF	2008/11/12 13:08

S95	4878065	(water or H2O or "H.sub.2" adj O or steam\$3 or humid\$5 or moist\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 14:43
S96	1483	(fluorine with oxygen or S90) with S95	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 14:44
S97	307058	hydrophilic or hydrophilic or hydrophilic or reduc\$4 near2 contact angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 14:45
S98	286	(fluorine with oxygen or S90) with S95 and S97	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 14:45
S99	102	(fluorine with oxygen or S90) with S95 and S97 and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 14:45
S100	18	(fluorine with oxygen or S90) with gas\$5 with S95 and S97 and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 14:47
S101	2	JP-2001294692-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/12 17:02
S102	1524	(micro fluidic or microfluidic) and (lid or cap) and hydrophilic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 11:30

S103	58	(micro fluidic or microfluidic) and (lid or cap) with hydrophilic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 11:31
S104	15	(micro fluidic or microfluidic) and (lid or cap or cover) with hydrophilic with bond\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 13:45
S105	1208	(micro fluidic or microfluidic) and (lid or cap or cover) with bond\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 13:45
S106	778	(micro fluidic or microfluidic) and (lid or cap or cover) with bond\$3 with (substrate or device or microchannel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 13:46
S107	252	(micro fluidic or microfluidic) and (lid or cap or cover) with bond\$3 with (substrate or device or microchannel) and hydrophilic\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 13:46
S108	62	(micro fluidic or microfluidic) and (lid or cap or cover) with bond\$3 with (substrate or device or microchannel) and hydrophilic\$5 and @PY<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 13:46
S109	18	("20020167086"   "20040226654"   "5798903"   "5976928"   "6498714"   "6548844"   "6570325"   "7279423"   "7396759").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/21 18:35
S110	5	fluorine with oxygen with gas near20 (water or H2O or steam or moisture) and (keto or carbonyl) with react\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/22 19:28

S112	31752	hydrophil\$7 with (PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 13:19
S113	622	hydrophil\$7 with (PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) with (oxyfluorin\$5 or fluorin\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 13:50
S114	285	hydrophil\$7 with (PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) with (oxyfluorin\$5 or fluorin\$5) and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 13:50
S117	594	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) and ((oxyfluorin\$5 or fluorin\$5) and hydrophil\$7).ab. and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 13:53
S118	496	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic).ab. and ((oxyfluorin\$5 or fluorin\$5) and hydrophil\$7).ab. and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 13:53
S119	47	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic).ab. and ((oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) and hydrophil\$7).ab. and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 14:14
S120	3665	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) and (oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) and hydrophil\$7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 14:18
S121	1407	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) and (oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) and hydrophil\$7 and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 14:23

S122	117	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) and (oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) with hydrophil\$7 and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 14:23
S123	129	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) and (oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) with hydrophil\$7 and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 14:23
S124	33	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic) and (oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) with (gas\$2 or plasma) with (wetting or hydrophil\$7 or contact angle or lyophil\$5) and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 14:38
S125	1	((("3,988,491") or ("4,020,223")).PN.	USPAT; USOCR	OR	OFF	2010/08/04 15:18
S126	2	((("3,988,491") or ("4,020,223")).PN.	USPAT; USOCR	OR	OFF	2010/08/04 15:19
S127	1841	fluorination.ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 15:41
S128	49	(fluorination and hydrophil\$7).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 15:42
S129	3	(fluorination and hydrophil\$7).ab. and (PMMA or methacrylate or methacrylic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/04 15:42
S130	2	"US 20070087581"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2010/08/06 18:45

S131	2	"US 20070071896"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2010/08/10 14:47
S132	4249	427/533-536,307,322.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:29
S133	4925	427/532-536,307,322.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:30
S134	571931	hydrophillic or hydrophilic or hydropilic or reduc\$4 near2 contact angle or wetting	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:30
S135	927115	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:31
S136	142	(oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) with (gas\$2 or plasma) with (wetting or hydrophil\$7 or contact angle or lyophil\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:32
S137	383	(oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) with (wetting or hydrophil\$7 or contact angle or lyophil\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:32
S138	10023	(oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) and (wetting or hydrophil\$7 or contact angle or lyophil\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:32

S139	10	S133 and S137	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:32
S140	17365	(oxygen or ozone or peroxide or oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine or peroxygen acids) with (polar or hydrophilic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:40
S141	7666	(oxygen or ozone or peroxide or oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine or peroxygen acids) with (polar or hydrophilic) and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:40
S142	4447	(oxygen or ozone or peroxide or oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine or peroxygen acids) with (hydrophilic) and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:41
S143	675	(oxygen or ozone or peroxide or oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine or peroxygen acids) with (polar or hydrophilic) with S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:41
S144	3342	(oxygen or ozone or peroxide or oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine or peroxygen acids) with (polar or hydrophilic) with (polymer or resin or organic) and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:42
S145	3	(oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine) with (polar or hydrophilic) with (polymer or resin or organic) and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:42
S146	0	(oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine) with (polar or hydrophilic) with S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:43



S148	675	(oxygen or ozone or peroxide or oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine or peroxygen acids) with (polar or hydrophilic) with S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:43
S149	240602	(PMMA or methyl methacrylate or methylmethacrylate or polymethyl methacrylate or polymethylmethacrylate)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:45
S150	85	(oxygen or ozone or peroxide or oxygen-fluorine or ("O.sub.2" with "F.sub.2") or air fluorine or peroxygen acids) with (polar or hydrophilic) with S149	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 16:45
S151	2425	427/402.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 12:09
S152	240602	(PMMA or methyl methacrylate or methylmethacrylate or polymethyl methacrylate or polymethylmethacrylate)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 12:52
S153	270	S151 and S152	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 12:52
S154	579	(oxyfluorin\$5 or (oxygen\$5 with fluorin\$5)) with (wetting or hydrophil\$7 or contact angle or lyophil\$5 or polar)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 12:53
S155	939033	(wetting or hydrophil\$7 or contact angle or lyophil\$5 or polar)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 12:53

S156	146	S151 and S152 and S155	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 12:53
S157	82499	S152 and S155	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 13:30
S158	124	S153 not S156	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 13:30
S160	139	S154 and S152	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 13:36
S161	1414	525/330.3-330.6.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 14:01
S162	478	S161 and S155	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 14:01
S163	254	S161 and S155 and S152	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 14:02
S164	1	S161 and S154	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 14:03

S165	1	("5,484,651").PN.	USPAT; USOCR	OR	OFF	2010/08/11 14:03
S166	4	("3940520"   "3988491"   "4020223").PN. OR ("5484651").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/11 14:04
S167	40	("3940520"   "3988491"   "4020223").URPN.	USPAT	ADJ	ON	2010/08/11 14:08
S168	4	S167 and S152	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/11 14:09

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L17	81117	(PMMA or methacrylate or polymethacrylate or methylmethacrylate or acrylate or acrylic).clm.	USPAT; UPAD	ADJ	ON	2010/08/11 17:32
L18	59393	(wetting or hydrophil\$7 or contact angle or lyophil\$5 or polar).clm.	USPAT; UPAD	ADJ	ON	2010/08/11 17:32
L20	9021	L17 and L18	USPAT; UPAD	ADJ	ON	2010/08/11 17:33
L21	3253	L17 with L18	USPAT; UPAD	ADJ	ON	2010/08/11 17:34
L23	0	(microfluidic or fluidic or analytical tool or sensor or sensing)".clm"	USPAT; UPAD	ADJ	ON	2010/08/11 17:36
L24	321727	(microfluidic or fluidic or analytical tool or sensor or sensing).clm.	USPAT; UPAD	ADJ	ON	2010/08/11 17:36
L25	113	L17 and L18 and L24	USPAT; UPAD	ADJ	ON	2010/08/11 17:36
L26	76	L17 and L18 and L24 and (method or process).clm.	USPAT; UPAD	ADJ	ON	2010/08/11 17:40

8/11/2010 5:50:41 PM

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